10/684262

Kiwamura Morita et al.

	EAST SEARCH	7/6/2006
	Hits Search String	Databases
	93911 gear near2 (system or train)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
	_	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
	600 (gear near2 (system or train)) with (vibration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
	984 S2 or S3 or S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
	62 S5 and (gear with characteristic\$1)	
S7 2		
	5 S5 and (simulat\$3 with (oscillation or vibration))	
	7 S5 and ((oscillation or vibration) with (range or tolerance))	
	85 S5 and ((oscillation or vibration) with (model or function or equation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
	230 S14 or S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
	38 (gear near2 (system or train)) with (oscillation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
	_	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
	_	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
S21 6	2 S20 and (gear with characteristic\$1)	
		USOCR;
	5 S20 and (simulat\$3 with (oscillation or vibration))	USOCR;
		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
S27 213	_	
		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
S29 230	_	
. S30 9	7 S27 and S29	
S31 2:	30 S29 or S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
10/684262	Kiwamura Morita et al.	

EAST SEARCH

7/6/2006

Issue Date Current OR 20060608 475/338

Abstract

Page 1 of 6

Results of search set S91:
Document Kind Codes Title
US 20060122027 A1 Automatic transmission and gear train

0000070000		
US 20060122020 A1	Automatic transmission and gear train	
20060001432	l Ostonal Violation daringer of a rotating shart	
	System and method for monitoring the condition of a drive train Vibration emposes for apparature and mothod for bubble webted	20051229 73/593
20050247303	VIDIATION SUPPRESSION APPARATION OF SET COMPONIES CHECKING SYSTEM AND ME SETD LITTLES IN THIS VIDED VIDED VIDED VIDED VIDED VIDED OF SET COMPONIES OF COMPONIES O	
	STANCE CARLET FOUND WORKEN COMPONENT CHECKING STSTEM AND M	
	Device for driving an endiess belt and image forming apparatus using the same	
200202002	l orsional vibration damper of a rotating shaft	
	Electric watch with radio communication function	
20050187563	Hair removal device with disc and vibration assemblies	
US 20050178226 A1	Gear transmitting device and electronic apparatus	
	Transverse axes oscillating water sprinkler with cam driven, oscillating nozzles	20050616 239/200
US 20050126318 A1	Variable rate impact and oscillation absorber in starter motors	20050616 74/7E
	Method of changing gears of automobile, automotive gear shifter, controller for automotive ge	20050602 74/335
US 20050072965 A1	Electronic winch monitoring system	20050407 254/361
US 20050056575 A1	Media thickness detector	20050317 209/586
US 20050041996 A1	Rotary developing device	20050224 399/227
US 20050034540 A1	Isolation arrangement for system under test	20050217 73/862.322
US 20050014597 A1	Superfinishing large planetary gear systems	20050120 475/344
	Timepiece driving apparatus and time calculating apparatus	20041125 368/157
	Synchronous averaging of epicyclic sun gear vibration	20041014 73/593
	Vibration monitoring system for gas turbine engines	20040909 701/100
US 20040133404 A1	Gear-driving-system designing system	20040708 703/1
US 20040112654 A1	HYBRID AUTOMOTIVE POWERTRAIN WITH TORSIONAL VIBRATION DAMPER	20040617 180/65.2
US 20040065268 A1	Livestock cooling system	20040408 119/448
US 20030230205 A1	Compensation of cylinder vibration in printing material processing machines	20031218 101/216
US 20030224893 A1	Wobbling inner gearing planetary gear system and method of assembling external gears	20031204 475/163
US 20030183467 A1	Placement of an auxilliary mass damper to eliminate torsional resonances in driving range in	20031002 188/380
US 20030163242 A1	Misfire detection system for vehicle multicylinder internal combustion engine	20030828 701/111
	Rotary developing device	
	Hybrid bearing arrangement for centrifugal compressor	20030717 417/423.12
	Driving apparatus and image formation apparatus using the driving apparatus	20030619 399/167
US 20030106444 A1	Method of driving a machine related to printing technology	20030612 101/211
US 20020190683 A1	Vibration control apparatus for vehicle having electric motor	20021219 318/632
	High-speed rotation testing apparatus	20020822 73/781
	Motor actuator	
US 20020085086 A1	Device for driving an endless belt and image forming apparatus using the same	
	Low noise planetary gear design	20020620 74/460
US 20020070203 A1	Method for adjusting the oscillation frequency of a sprung balance for a mechanical timepieα	
	Method and apparatus for controlling a vehicle with a gear-shift transmission	
	Inking apparatus control means for rotary press	
20020005127	Printing press	
2001001	Hair removal device with disc, vibration, and light assemblies	
7063306	Electronic winch monitoring system	
7013210	Vibration monitoring system for gas turbine engines	
6968145	Rotary developing device	
6914619	Device for driving an endless belt and image forming apparatus using the same	20050705 347/154
	Method of operating a hybrid electric vehicle to limit noise, vibration, and harshness	20050614 701/22
US 6898975 B2	Synchronous averaging of epicyclic sun gear vibration	20050531 73/593

11S 6883251 B2	insetant continue curtam	20050426 24/527
	Encertook cooling system. Method and apparatus for controlling a vehicle with a gear-shift transmission.	20030420 34/32/
US 6829457 B2	Driving apparatus and image formation apparatus using the driving apparatus	
US 6824546 B1	Hair removal device with disc and vibration assemblies	
US 6813459 B2	Rotary developing device	
	Misfire detection system for vehicle multicylinder internal combustion engine	20041005 73/117.3
	Vibration monitoring system for gas turbine engines	20040727 701/100
6756758	Vibration control apparatus for vehicle having electric motor	20040629 318/434
6725780	Method of driving a machine related to printing technology	20040427 101/484
6712727	Motor actuator	20040330 475/149
6698352	Inking apparatus control means for rotary press	20040302 101/349.1
US 6634292 B2	Printing press with means for connecting and disconnecting motors for oscillating roller	20031021 101/141
	Hybrid bearing arrangement for centrifugal compressor	20031014 417/423.6
US 6626139 B1	Gear mechanism of power transmitting system	20030930 123/192.2
US 6615670 B2	High-speed rotation testing apparatus	20030909 73/781
US 6534742 B2	Method for adjusting the oscillation frequency of a sprung balance for a mechanical timepiec	20030318 219/121.69
US 6490940 B1	Motor vehicle starter with reduction gear comprising means forming torsional damper	20021210 74/7E
	Hair removal device with disc, vibration, and light assemblies	20020820 606/133
	Method for the separation of epicyclic planet gear vibration signatures	20011009 73/593
	Method of designing uniform motion, substantially vibration-free spur gears	20010828 703/1
US 6272288 B1	Vibration correction system for a camera	20010807 396/55
	Toroidal continuously variable transmission	20010417 475/216
	Aircraft landing gear absorber	20010320 244/103R
	Method and apparatus for reducing resonance in a dual inertia system	20001107 318/629
	Transportable vehicle tester	20001017 73/457
US 6117016 A	Transmission coupling assembly	20000912 464/87
US 6112872 A	Electromagnetic clutch	20000905 192/55.3
US 6093126 A	Transmission device	20000725 475/228
	Camera system for reducing the influence of vibration generated by actuators	
	Two-mass flywheel for a motor vehicle, which two-mass flywheel has an opening to receive It	19990831 464/24
	Crankshaft gear torsional vibration isolator assembly for an engine	19990803 74/574.4
	Electric motor control system for automobile wiper assembly	19990727 318/653
	Machine fault detection using vibration signal peak detector	
	Engine drive train having a front gear train with improved torsional dynamics	
	Vibration actuator	19981103 310/323.01
US 5823880 A	Dual flywheel assembly with lockup mechanism between two flywheels	
	Flywheel assembly	19981006 464/68.2
US 5800134 A	Tandem, swash plate pump having drive force take-out mechanism	19980901 417/269
	Torsional vibration damper with a planetary gearset	
	Camera with vibration compensation device having anti-vibration lens urging mechanism and	
	Camera with vibration compensation device having anti-vibration lens urging mechanism and	
	Torsional vibration damper with variable transmission	
	Flywheel having two centrifugal masses and a torsional vibration damper with gear train elem	
	Camera film feed drive system reducing vibration and noise	19980317 396/418
	Rotary motion detector	
US 5684640 A	Camera with vibration compensation device having anti-vibration lens urging mechanism and	19971104 359/694
US 5655985 A	Gear system, particularly multisatellite gear system	19970812 475/179
US 5641904 A	Method and apparatus for detecting drive line system imbalance	19970624 73/457

19970325 368/203 nethod 19970121 73/146.2	i 19970114 19960220			19941115 396/144			19920922	ngine 19910521 123/436	19901120	19900724 74/397		19900529 477/111			19891010 73/162	19890711 475/149		19870317 192/3.31		19860701 173/171								19770531 280/276	19761207 74374.4				19740423 477/56			19731113	20016/61	19730619	19/30327	70,000 00,000
Electronic control timepiece Tire resonance frequency detecting system having inter-wheel noise elimination and method	Apparatus and method for non-invasive diagnosis and control of motor operated valve conditine Lens driving device employing vibration motor with backlash compensation	Dual-function electrical hand drill	Airmotor powered remote adjustable mirror	Utiving force transmission mechanism Torsional trinable counting for a discal angine drive shaff	Printing press coating apparatus having an oscillating roller assembly	Vehicular engine and power train mounting arrangement	Gear driven transmission for oscillating sprinklers	Method and apparatus for preventing surging of vehicle having internal combustion engine	Geared rotary-to-linear motion converting system for bidirectional pump drive	Device for cyclically varying the phase relationship between two rotating shafts	Method and apparatus for detecting gear detects	Engine control system for suppressing car body vibration Articulation drive apparatus of industrial robot	System and method for controlling ignition timing for internal combustion engine	Rotary vibration damper	Nondestructive testing of gears	Articulation drive apparatus of industrial robot	Antivibration system for a mechanical transmissions	Direct-coupling control system for fluid gear in automatic vehicular transmission	Compact variable speed pulley assembly	Drive unit with self-aligning gearing system	Power transmission mechanism	Maximum demand meter	Control arrangement for a gear testing machine	Watch, the back cover of which constitutes a plate	Electromechanical clock	Mechanical shubber	Combined gear cover and mount for an internal combustion engine	Means for isolating a violation of snock	Electromechanical clock	Gear system	Engraving machines	CONVERTER DRIVE CIRCUIT IN AN ELECTRONIC TIMEPIECE	ELECTRONICALLY CONTROLLED POWER TRANSMISSION	ELECTRONIC TIMEPIECE	TOY DOLL	CONVERTER VESSEL DRIVE USING HYDRAULIC MOTORS	INDICATOR DRIVE AND POSITIVE-ZERO RESEL MECHANISM FOR A DEMAND METER	PRESSURE OPERATED RETRACTABLE LANDING GEAR	, NOUSEREEPING DOLL MAVING REVERSIBLE MOTOR DRIVING SELECTIVELY MOVABL	
	US 5594175 A US 5493163 A		US 5406419 A		5230285	5156070	US 5148991 A	US 5016593 A	US 4970861 A	US 4942777 A	US 4931949 A	US 4928556 A	US 4924832 A	US 4905807 A	US 4872337 A	US 4846018 A	US 4663981 A	US 4650047 A	US 4605386 A	US 4597453 A	US 4589296 A	US 4559494 A	US 4498335 A	US 4461580 A	US RE31073 E	US 4286693 A	US 425/3/0 A	11S 3995513 A			US 3937873 A					US 3771777 A		US 3/39519 A		

US 3673743 A	MACHINE ASSEMBLY	19720704 451/342
	STRAP TENSIONING AND SEALING TOOL	19720404 156/494
US 3617849 A	MOTOR CONTROL DAMBING CIRCLIT	
US 3603140 A	GRAPHIC VIREATION RESOLVED	
IP 2006084576 A	TITLE MATERIAL ARE	
2004133809	GEAD DRIVE SYSTEM DESIGNING SYSTEM	20040430
JP 2004100758 A	OEXIVE TRANSMISSION APPARATIS	20040402
JP 2002035441 A	FLUTTERING DRIVE MODULE	20020205
JP 10078090 A	GEAR TRAIN CONTROL MECHANISM FOR IMAGE DEFECT REDUCTION IN FLECTRON	19980324
JP 09133953 A	POWER TRANSMITTING DEVICE	19970520
JP 08310419 A	REDUCTION GEAR FOR MOTOR-DRIVEN POWER STEERING DEVICE	19961126
JP 05071586 A	VIBRATION SUPPRESSING DEVICE FOR INTERNAL COMBUSTION ENGINE	19930323
JP 04164162 A	GEAR PRIME MOVER	19920609
JP 02208534 A	GEAR TESTER	19900820
JP 02097710 A	INTERNAL COMBUSTION ENGINE	19900410
JP 01155958 A	SUPERHIGH-PRESSURE WATER JET GUN	19890619
JP 61010144 A	POWER TAKE-OUT DEVICE FOR MARINE ENGINE	19860117
US 20060111018 A	Front page inconsistent with claim, abstract based on front page and disclosure. Patent Office	20060525
	Model vehicle e.g. electric train, for consumer toy, has gear train with floating mechanism isol	20060309
DE 1005019790 A	Automatic gearbox clutch controlling method for use in vehicle, involves modifying clutch ped	20051201
US 20040152560 A	Oscillation damping method in vehicle transmission system, involves reducing pressure of se	20040805
RU 2231768 C	Gearing vibration diagnosing method	20040627
JP 2004133809 A	Gear drive design system for e.g. printer, changes gear characteristic value, when it is determ	20040430
DE 19525842 A	Torsional vibration damper for car clutches - has several epicyclic gear train elements within I	19970116
JP 08074947 A	Epicyclic gearing system with vibration transmission noise reduction function - has antivibratic	19960319
DE 3800297 A	Damping system for noisy oscillations of free gear wheels - uses coils wound on formers to in	19890720
EP 313010 A	Lock for car safety belt - has bolt preventing release of belt, when vehicle is subjected to high	19890426
EP 312710 A	Torsional vibration decoupler for transmission - has tangential tensile springs in middle gear I	19890426
DE 3423210 C	Torsional vibration damper for vehicle clutch - has planetary gear train to increase angular rai	19870326
SU 1120131 A	Toothed transmission - with driving gear engagement pitch larger than disengagement pitch	19841023
US 3613480 A	POWER TRANSMISSION HAVING DOWNSHIFT INHIBITOR	19711019 74/731.1
US 3552116 A	TIMEPIECE HAVING VIBRATION ISOLATION MEANS	19710105 368/76
	RESONANT DEVICE	
US 3463948 A	DEVICE FOR STABILISING THE OSCILLATION FREQUENCY OF A MECHANICAL OSCILI	19690826 310/25
US 3446084 A	SONIC VIBRATION GENERATOR	19690527 74/87
	Motion converter	
	Spring-type electromechanical oscillator	19671226 318/128
	Power transmitting gearing with full floating gear elements	
US 3291228 A	Sonic techniques and apparatus for earth boring	
	Coating apparatus	19661108 118/262
	Windshield wiper mechanism	19661101 74/75
US 3256695 A	Sonic method and apparatus for forming trenches and for laying pipe lines therein	19660621 405/182
	Nonlinear gearing and apparatus utilizing nonlinear gearing for indexing	
	Combined engine accessory drive and housing therefor	19630507 123/54.4
US 3061212 A	Automatic apparatus for winding field coils	19621030 242/432.3
	OCR SCANNED DOCUMENT	19621023 368/259
US 2981117 A	Indexing mechanism for electrical timepieces	19610425 74/126
US 2981054 A	Time-piece	19610425 368/80

19610307 74/424.5 19601115 74/409 19600823 368/134 19600809 29/426.5 19600705 244/104R 19600705 244/104R 19600705 244/104R 19600223 162/391 19580715 83/299 19580215 343/765 19561106 123/179.1 19561106 123/179.1 19561106 123/179.1 19561106 123/179.1 1956110 271/203 1956120 24/625 1956020 74/625 1956020 74/625 1956020 192/142R 1952020 192/142R 1952020 192/142R 1952020 192/142R 1952020 192/142R 1952020 192/142R 1940920 73/862.332 19470527 180/14.4 1940012 222/14 1940006 273/369 19400206 192/207 19390922 476/53 19390922 2476/53 19380222 180/24.11 19350521 123/195A 1934003 340/328	
Cooperating wedges including mating worms Electrical backlash prevention for gear train of servo actuated device Clock Sonic system for unscrewing threaded pipe joints Landing gear shock absorber system Pulp molding machine Maganatus for synchronized intermittent performance on stock of variable feed rate Mechanically cuspled oscillatory and rotary motions Apparatus for synchronized intermittent performance on stock of variable feed rate Mechanically resonant sector scanner Valve control for dual-rotation propeller Starter gear mechanism Sheet delivery mechanism for printing machines Winding machine Operating mechanism for windows Whe spicing machine Taximeter Controllable pitch propeller Taximeter Controllable pitch propeller Alternating current synchronous induction disk motor with means for eliminating backlash and Cycloidal rotor for aircraft Landing gear with drag strut dynamic damper Electrical torque measuring device Variable-speed transmission Power transmission mechanism OCR SCANNED DOCUMENT Transmission mechanism Driving mechanism Of peating valve shutoff system Sustained power electric clock Target by Friction clutch Sustaine tool transmission Aircraft Suspension and driving system for internal combustion engines Automatic odes signaling devices Mechanism for actuating valveleries Mechanism for actuating rechanism	
US 2973660 A US 2959975 A US 2949775 A US 2948059 A US 2948059 A US 2943826 A US 2913905 A US 2913905 A US 2913905 A US 2791282 A US 2791282 A US 2791282 A US 2796515 A US 2766515 A US 2676516 A US 267651 A US 259451 A US 271094 A US 2711988 A US 2711988 A US 2711988 A US 210951 A US 210951 A US 210951 A US 210951 A US 210991 A US 1976050 A	